

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-16 (CANCELED)

17. (NEW) A method of using a tamponade in an ophthalmic surgical procedure comprising:
creating an incision into a posterior chamber of an eye; and
filling said posterior chamber of the eye with said silicone oil made by a process of performing a supercritical carbon dioxide extraction of said silicone oil or fluid to remove cyclic and oligomeric impurities.

18. (NEW) The process of claim 17 wherein said extraction is conducted at a pressure of approximately 3000 psi, a temperature of approximately 55 degrees Celsius and a carbon dioxide flow rate of approximately 52 gm/minute.

19. (NEW) The process of claim 17 wherein said extraction is conducted at a carbon dioxide flow rate of approximately 20 to 26 gm/minute and a flow time of approximately 90 minutes.

20. (NEW) A method of using a tamponade in an ophthalmic surgical procedure comprising:
creating an incision into a posterior chamber of an eye; and
filling said posterior chamber of the eye with said silicone oil made by a process of performing a supercritical carbon dioxide mixture extraction of said silicone oil or fluid to remove cyclic and oligomeric impurities.

21. (NEW) The process of claim 20 wherein said extraction is conducted at a pressure of approximately 3000 psi, a temperature of approximately 55 degrees Celsius and a carbon dioxide mixture flow rate of approximately 52 gm/minute.

22. (NEW) The process of claim 20 wherein said extraction is conducted at a carbon dioxide mixture flow rate of approximately 20 to 26 gm/minute and a flow time of approximately 90 minutes.

23. (NEW) The process of claim 20 wherein said carbon dioxide mixture comprises approximately 90 percent carbon dioxide and approximately 10 percent acetone.

24. (NEW) The process of claim 20 wherein said carbon dioxide mixture comprises carbon dioxide and a modifier.

25. (NEW) The process of claim 20 wherein said carbon dioxide mixture comprises carbon dioxide and acetone or acetonitrile.

26. (NEW) The process of claim 20 wherein said carbon dioxide mixture comprises carbon dioxide and methanol.

27. (NEW) The process of claim 20 wherein said carbon dioxide mixture comprises carbon dioxide and isopropanol.

28. (NEW) The process of claim 20 wherein said carbon dioxide mixture comprises approximately 90 percent carbon dioxide and approximately 10 percent methanol.

29. (NEW) The process of claim 20 wherein said carbon dioxide mixture comprises approximately 90 percent carbon dioxide and approximately 10 percent isopropanol.